

Title (en)
Apparatus and system for long-term cutaneous cardiac monitoring

Title (de)
Vorrichtung und System zur kutanen Langzeitherzüberwachung

Title (fr)
Appareil et système de surveillance cardiaque cutanée à long terme

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Application
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Abstract (en)
The invention refers to a system comprising: (1) a disposable unit that has at least two built-in electrodes, a built-in wire antenna, a watertight chamber that can be opened and closed, and an adhesive surface; (2) an electronic controller that can acquire, process and store the physiological signals and can be fitted into the disposable unit and establish the electrical contact with the at least two built-in electrodes; and (3) a portable communication unit that can wirelessly communicate bi-directionally with the electronic controller and further communicate bi-directionally with a remote service center.

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